

Bid Response

		Date Bids Due: Sept 17, 2015	Time of Bid Opening: 1:00 P.M.		Bid Opening Location: 800 Lincoln Way, Ames, IA			
Proposal Number: 15093	Description: Pavement P	atching on IA 150 in	n Fayette County					
Contract to Begin: Sept 25, 2015	Date of Com October 30,		Proposal Guaranty Ar \$ 0.00	mount	Performa Yes	ance Bond (Y/N)	Liquidated Damages: \$0.00	
Purchasing Agent: Rhonda Ruark		E-mail Address: rhonda.ruark@do	t.iowa.gov	Phone 515-2	: 39-1285		Fax: 515-239-1538	
Company Name:						Federal Tax ID	:	
Street Address:			City:		State:	Zip Code:		
Supplier Contact (type or print)	E	E-mail Address:		Ph	one:		Fax:	
Supplier agrees to sell items/sellowa state agency. Regent or l		ision upon request. Ple		r Ar	_	wa Targeted Sm	_	
∐ Yes		No			Y	es _	No	
GENERAL INFORMAT	ION/PROF	POSAL STATEM	MENT					
The entire contents of this Proposal, Addendums to the Proposal, Specifications, Supplemental Terms and Conditions, Standard Terms and Conditions, and Schedule of Prices shall become part of the contract or purchase order. Faxed or email bids will be accepted. We certify that all materials, equipment and/or services proposed meet or exceed the specifications and will be supplied in accordance with the entire contents of this proposal including delivery schedules. Standard Terms and Conditions for Quotations Acceptance/Rejection: The State of lowa reserves the right to accept or reject any or all bids and to waive irregularities or technicalities, provided such waiver does not substantially change the offer or provide a competitive advantage to any vendor, in the judgment of the lowa DOT. The lowa DOT also reserves the right to accept that bid which is deemed to be in the best interests of the state. Any unauthorized changes, additions, or conditional bids including any ties to another bid or proposal or any reservations about accepting an award or entering into a contract, may result in rejection of the bid. Method of Award: Award shall be made to the lowest responsible, responsive bidder unless otherwise specified. By virtue of statutory authority preference will be given to products and provisions grown and coal produced within the State of lowa.								
	Contracts: Successful contractor(s) may be sent either a formal Contract or a purchase order. The contractor may not assign the contract to another party without written authorization from the Iowa DOT Purchasing Section.							
Pricing and Discount: Unit prices shown on the documents shall be quoted as the price per unit (e.g., case, each, etc.) as stated on the request. If there is a discrepancy between the unit bid prices, extensi total amount of bid, the unit prices shall prevail. Unless otherwise indicated, prices shall be firm for the duration of the contract or purchase. Discounts for early payment are allowed, but not considered in aw the contract.							rices, extension, or e firm for the	
~ : .				_				



Iowa Department of Transportation Standard Terms and Conditions

For

Bid Proposals/Contracts

-INFORMAL-

Informal - means a limited solicitation type of procurement where a sufficient number of quotation or bids from qualified sources are obtained and the aggregate amount of the purchase is less than \$50,000.

The entire contents of this bid proposal shall become a part of a contract or purchase order. In case of a discrepancy between the contents of the bid documents, the following items listed by descending order shall prevail:

- · Addendums to the bid proposal
- Bid Proposal-
 - Schedule of Prices
 - Specifications
 - Plans and Drawings
- Supplemental Terms and Conditions
- Standard Terms and Conditions

(Example -if there is a statement in the specifications that contradicts a statement in the Standard Terms and Conditions, the statement in the specifications shall apply)

Preparation of Bid Response: All bid responses must address all aspects of the proposal including clearly answering all questions within the proposal. Bid responses must be typed or completed in ink and submitted on the forms supplied by the Iowa DOT.

Bid responses must be signed and received prior to the bid opening date and time as indicated on the Bid Response cover page or bid opportunity. The signed, submitted quotation or bidder's proposal shall become the official bid response to be considered for award.

Bid responses may be sent by email, fax, weblink, or delivered by a courier that ensures timely delivery.

A. Bid Proposal

- 1. **Bid Opening:** Bid openings are made public and conducted at the lowa DOT, Ames complex unless otherwise specified. Bid Responses received after the time of the bid opening will be returned to the bidder and considered non-compliant.
- 2. **Communications:** Questions concerning this proposal should be directed to the purchasing agent listed on the bid proposal. Inquiries can be written, phoned, or faxed. In all cases, written communication will take precedence over verbal communication.
- 3. Pricing and Discount: Unit prices shown on the bid/response shall be quoted as the price per unit (e.g., gal., case, each, etc.) as stated in the bid proposal. If there is a discrepancy between the unit bid prices, extension, or total amount of bid, the unit prices shall prevail. Unless otherwise indicated, prices shall be firm for the duration of the contract or purchase. Discounts for early payment are allowed, but not considered in award of the contract.
- 4. Acceptance/Rejection: The lowa DOT reserves the right to accept or reject any or all bids and to waive irregularities or technicalities, provided such waiver does not substantially change the offer or provide a competitive advantage to any supplier(s). The lowa DOT also reserves the right to accept that bid which is deemed to be in the best interests of the state. Any unauthorized changes, additions, or conditional bids including any ties to another bid or proposal or any reservations about accepting an award or entering into a contract, may result in rejection of the bid. Bids must remain available for award for thirty (30) days from date of bid opening.

- 5. Bid Results & Disclosure: A bid tabulation will be sent to all responsive bidders and may be posted on the lowa DOT website at www.iowadot.gov/purchasing under the Bid Award link referencing the proposal number with an award recommendation indicated. At the conclusion of the selection process, the contents of all received bid responses will be placed in the public domain and be open to inspection by interested parties, according to state law. Trade secrets or proprietary information that are recognized as such and are protected by law may be withheld if clearly identified as such in the proposal.
- 6. **Quality:** All material shall be new and of first quality. Items which are used, demonstrators, refurbished, obsolete, seconds, or which have been discontinued are unacceptable without prior written approval by the lowa DOT.
- 7. **Recycled Content:** The lowa Code encourages purchase of products and materials with recycled content, including but not limited to paper products, oils, plastic products, compost materials, aggregate, solvents, and rubber products. Recycled items or alternatives must be noted in the bid response, if known.
- 8. Shipping Terms: Deliveries shall be F.O.B. Destination unless otherwise specified. All deliveries shall be accompanied by a packing slip indicating the Supplier, quantities shipped, and the purchase order number(s). All delivery charges shall be included in the bid price and paid by the Supplier. No collect C.O.D. deliveries shall be accepted. When entering into a contract, the Supplier shall notify the freight company that all freight and delivery charges are to be prepaid by the Supplier. Goods delivered to the Iowa DOT Distribution Center at 800 Lincoln Way, Ames, IA shall be received between the hours of 7:00 a.m. and 3:00 p.m. on any day except Saturday, Sunday, or a holiday. For deliveries to other Iowa DOT locations, the Supplier may contact the destination location for available times to deliver as not all Iowa DOT locations have the same business hours. The Iowa DOT will not be liable for any freight claims or unpaid freight bills arising from contract or purchase order issues.

B. Award

The binding agreement (award) may be issued in the form a purchase order or contract or both depending on the requirements and complexity of the agreement.

- 1. Method of Award: Award shall be made to the lowest responsible, responsive bidder whose bid meets the requirements of the solicitation and is the most advantageous to the lowa DOT unless otherwise specified. An lowa bidder will be given preference over an out-of-state bidder when bid responses are equal in all aspects and are tied in price. By virtue of statutory authority preference will be given to products and provisions grown and coal produced within the State of lowa.
- 2. **Award Protests:** Protests of award recommendations are to be addressed to the Director of Purchasing, and shall be made in accordance with paragraph 761--20.4(6)"e" of the Iowa Administrative Code.
- 3. Contracts: Successful contractor(s) may be sent either a formal Contract, Notification of Award or purchase order as confirmation of acceptance and award. Any of these binding agreements shall be for the term stated in the bid proposal or on a purchase order and may be renewed for additional period(s) under the same terms and conditions upon mutual agreement as defined. The successful bidder may not assign a contract to another party without written authorization from the lowa DOT Purchasing Section. A service contract, including all optional renewals, shall not exceed a term of six years unless a state agency obtains a waiver of this provision pursuant to rule 11-118-11(3).
- 4. Payment Terms: The lowa DOT typically pays properly submitted vendor invoices within thirty (30) days of receipt, providing goods and/or services have been successfully delivered, installed or inspected (if required), and accepted. Invoices presented for payment must be only for quantities received by the lowa DOT and must reference the purchase order number or contract to be submitted for processing.
- 5. Default: Failure of the Supplier to adhere to specified delivery schedules or to promptly replace rejected materials shall render the Supplier liable for all costs in excess of the bid price when alternate procurement is necessary. This shall not be the exclusive remedy and the lowa DOT reserves the right to pursue other remedies available to it by law or under the terms of the binding agreement.

6. Default: Failure of a Contractor other than a Supplier to meet any specified project completion deadline shall render the Contractor liable for all costs incurred by the lowa DOT that were: a) necessary to meet said deadline; or b) necessary to complete said project after said deadline. This shall not be the exclusive remedy and the lowa DOT reserves the right to pursue other remedies available to it by law or under the terms of the agreement.

C. General

- 1. **Administrative Rules:** For Additional details on the rules governing the actions of the lowa DOT Purchasing Section, refer to 761 IAC, Chapter 20, Iowa Administrative Code, entitled "Procurement of Equipment, Materials, Supplies and Services".
- 2. Affirmative Action: The Contractor (and also subcontractor, vendor or supplier) is prohibited from engaging in discriminatory employment practices forbidden by federal and state law, executive orders and rules of the lowa Department of Management, pertaining to equal employment opportunity and affirmative action. Contractor may be required to have a copy of their affirmative action program on file, containing goal and time specifications. Contractors doing business with lowa in excess of \$5,000 annually and employing 50 or more full time employees may be required to file with the lowa Department of Management a copy of their affirmative action plan. Failure to fulfill these non-discrimination requirements may cause the contract to be canceled and the contractor declared ineligible for future state contracts or subject to other sanctions as provided by law or rule.
- 3. Applicable Law: The contract shall be governed under the laws of the State of Iowa. The contractor shall at all times comply with and observe all federal and state laws, local laws, ordinances, and regulations which are in effect during the period of a contract and which in any manner affect the work or its conduct. Any legal action relating to a contract shall only be commenced in the Story County, Iowa, District Court or the United States District Court for the Southern District of Iowa.
- 4. **Conflict of Interest:** No state or county official or employee, elective or appointive shall be directly or indirectly interested in any contract issued by the Iowa DOT, see Code of Iowa 314.2.
- 5. Debarment and Vendor Suspension: By submitting a proposal, the contractor is certifying that it and its principals and/or subcontractors are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by the State of lowa or any Federal department or agency.
- 6. **Equal Opportunity:** Firms submitting bids must be an "Equal Opportunity Employer" as defined in the Civil Rights Act of 1964 and in Iowa Executive Order Number Thirty-four.
- 7. **Infringement:** Goods shall be delivered free of the rightful claim of any third party by way of infringement. Contractor shall indemnify and save harmless the State of lowa and the lowa DOT against all claims for infringement of, and/or royalties claimed under, patents or copyrights on materials and equipment furnished under this bid.
- 8. Records Audit: The contractor agrees that the Auditor of the State of Iowa or any authorized representative of the state, and where federal funds are involved, the Comptroller General of the U.S. Government, shall have access to and the right to examine, audit, excerpt, and transcribe any directly pertinent books, documents, papers, and records of the contractor relating to orders, invoices, or payments of a contract or purchase order.
- 9. Targeted Small Businesses: The lowa DOT seeks to provide opportunities for women and/or minority small business enterprises. To apply for certification as an lowa Targeted Small Business, contact the lowa Department of Inspection and Appeals (515-281-5796). Contractors shall take documented steps to encourage participation from Targeted Small Businesses for the purpose of subcontracting and supplying of goods or services or both.
- 10. **Taxes:** Prices quoted shall not include state or federal taxes from which the state is exempt. Exemption certificates will be furnished upon request.

11. Termination:

- Termination Due to Lack of Funds or Change in Law
 - The lowa DOT shall have the right to terminate this Contract without penalty by giving thirty (30) days written notice to the vendor as a result of any of the following:
 - Adequate funds are not appropriated or granted to allow the lowa DOT to operate as required and to fulfill its obligations under contract.
 - Funds are de-appropriated or not allocated or if funds needed by the Iowa DOT, at the Iowa DOT's sole discretion, are insufficient for any reason.
 - The Iowa DOT's authorization to operate is withdrawn or there is a material alteration in the programs administered by the Iowa DOT.

• The Iowa DOT's duties are substantially modified.

Following a 30 day written notice, the Iowa DOT may terminate a binding agreement in whole or in part without the payment of any penalty or incurring any further obligation to the Supplier. Following termination upon notice, the Supplier shall be entitled to compensation upon submission of invoices and proper proof of claim for goods and services under contract up to and including the date of termination.



Schedule Of Prices

Number 15093

Date Required 09/17/2015 1:00 PM

Vendor

Title Pavement Patching on IA 150 in Fayette

County

Delivery LocationPA Name Rhonda J Ruark

Shipping Terms FOB Destination/Freight Prepaid Phone 515-239-1285

E-Mail rhonda.ruark@dot.iowa.gov

Description Location: In Fayette County on IA 150 at M.P. 55.135 in Oelwein located just south of 10th

Street SE.

The successful bidder will be required to provide a performance bond covering 100% of their bid, as well as proof of liability insurance listing the Iowa DOT as additional insured.

Product Availability Days:	
Price Good Until:	

Item	Qty	Unit	Description	Part #	Unit Price	Total Price
1	1	JOB	Contractor to provide all labor, equipment and materials necessary to complete the pavement patching on IA 150 Full depth PCC, including curb and gutter: 2528-8445110 Traffic Control 2529-2242304 CD Joint Assembly 10 EACH 2529-5070110 Patch, Full-Depth Finish, By Area 225.0 SQUARE YARDS 2529-5070120 Patch, Full-Depth Finish, By Count 4 EACH 2533-4980005 Mobilization Contractor shall follow all necessary Iowa DOT Specifications and Standard Road Plans.			
Cor	nments:		pointery coodition,			

I HEREBY CERTIFY THAT THIS PROPOSAL MEETS OR EXCEEDS THE MINIMUM REQUIREMENT INCLUDING SPECIFICATIONS AND ADDENDUMS.

Signature: Date:	
------------------	--

	FULL-DEPTH PATCHES Refer to Standard Roads Plans PR-101, PR-102, PR-103, PR-104 and PR-140.																	
	This Data Entry Sheet fills Tab 102-6C effective 10-21-14 Location Dimension PCC Patches																	
Count	Location Station or	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	CRC	HMA Patches	Composite HMA		Subbase Patch w/ 'EF' Joint	Patch Subdrain		'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
	Milepost	I. R. or B	FT	FT	TN	PR-103	PR-102 SY	PR-104 SY	SY	TON	PR-140 SY	PR-101 SY	PR-101 or PR-140 No.	No.	No.	PR-101	No.	-
1	MP 55.135	SB Outside	40.0	14.5	9.0	64.4	<u> </u>		<u> </u>		<u> </u>	J.		2	.,,,,			Curb included
1	MP 55.135	SB Inside	30.0	12.0	9.0	40.0								2				
1	MP 55.135	NB Inside	30.0	12.0	9.0	40.0								2				
1	MP 55,135	NB Outside	50.0	14.5	9.0	80.6								4				Curb included

Iowa Department of Transportation General Requirements Bid No.: 15093

Pavement Patching on IA 150 in Fayette County Letting Date: Thursday, September 17, 2015 1:00 PM

Part 1 General Conditions

1.1 Adoption of General Conditions

A. The General Requirements of this Contract shall include the "General Conditions", "Instructions to Bidders" and the "Supplementary General Conditions" as herein stated.

B. "THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION", A.I.A. FORM #A-201, LATEST EDITION AND A.I.A. DOCUMENT, "INSTRUCTIONS TO BIDDERS", FORM #A-701, LATEST EDITION, SHALL BE INCLUDED, AS MODIFIED IN THE "SUPPLEMENTARY INSTRUCTIONS TO BIDDERS" AND "SUPPLEMENTARY GENERAL CONDITIONS", AND BOUND WITH THE STANDARD FORM OF AGREEMENT BETWEEN THE CONTRACTOR AND OWNER", A.I.A. FORM #101, LATEST EDITION, AS A PART OF THIS CONTRACT SPECIFICATION.

C. All bidder information and conditions, bid check lists and similar documents included in the specification by the Office of Finance, Purchasing Section of the Iowa Department of Transportation, Ames, Iowa are hereby made a part of the General Conditions.

Part 2 Supplementary Instructions to Bidders

2.1 General

A. Owner:

The Owner of this project is the Iowa Department of Transportation, 800 Lincoln Way, Ames, Iowa 50010.

B. Contract Document Information:

Questions regarding the bidding documents should be directed to:

Purchasing Section

Purchasing Agent – Rhonda Ruark

Phone No.: 515-239-1285

Email: rhonda.ruark@dot.iowa.gov

Location of Project

Fayette County on IA 150 at M.P. 55.135 in Oelwein located just south of 10th Street SE.

C. SCOPE OF WORK

Contractor to provide all labor, equipment and materials necessary to complete the required pavement patch to include:

2528-8445110 Traffic Control

2529-2242304 CD Joint Assembly 10 EACH

2529-5070110 Patch, Full-Depth Finish, By Area 225.0 SQUARE YARDS

2529-5070120 Patch, Full-Depth Finish, By Count 4 EACH

2533-4980005 Mobilization

Contractor shall follow all necessary Iowa DOT Specifications and Standard Road Plans.

Work to be completed by October 30, 2015.

The successful bidder will work through Nick Humpal, P.E., the project manager, to coordinate work.

Phone (641) 422-9446 or email; nickolas.humpal@dot.iowa.gov.

D. Contract Award:

- Award will be based on the total lump sum amount of bid price shown on the Schedule of Prices.
 Bid price will include all requirements listed in Specifications and Supplemental Terms to complete
 this proposed project. The Prime Contractor shall be responsible for taking all sub-bids and for all
 coordination between trades.
- A single "Prime" contract shall be awarded for all work shown. Contractor shall be responsible for taking all sub-bids and for all coordination between trades.
- Contractor shall return all contractual documents within three (3) calendar days from date indicated in contract cover letter. If this is not returned within this time frame, contract may be voided and awarded to the next low bidder.

2.2 Bidders Representatives

A. Site Visit:

It is not required however if a contractor feels they do not have enough information through the Scope of Work, photos, and drawings, any potential Contractor may contact Nick Humpal at 641-422-9446 to schedule a site visit.

B. Conditions of Work:

Bidders must inform themselves fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve successful bidders of their obligation to furnish all material and labor necessary to carry out the provisions of this contract. Insofar as possible, the Contractor, in carrying out the work, must employ such methods or means as will not cause any interruption of, or interference with the work of any other contractor.

C. Obligation of Bidder:

- At the time of the opening of bids, each bidder will be presumed to have inspected the site and to have read and to be thoroughly familiar with the drawings, specifications, and other contract documents, including all addenda.
- The failure or omission of any bidder to examine any form, instrument, or document shall in no way relieve any bidder from any obligation in respect to their bid.

D. Codes, Laws and Regulations:

The laws of the State of Iowa in relation to and pertaining to public improvements shall apply to this project. All construction, materials and methods shall comply with the State and Local Building Codes and with Local Ordinances, except where plans and specifications establish a higher standard.

E. Licenses, Permits and Inspections

The Vendor shall give all notices and comply with all codes, laws, ordinances, rules and regulations of any public authority having jurisdiction that bears on the performance of its work. The Vendor shall pay for all licenses, permits and inspection fees required for its work. The Vendor must furnish copies of all approved inspection certificates and approvals from authorities having jurisdiction in a timely fashion upon completion of the work.

2.3 Bidding Documents

A. Plans and Specifications:

In the event of a conflict between the specifications and the drawings, the specifications shall take precedence.

B. Contents of the Contract Documents:

In case of a discrepancy between contents of the contract documents, the following items listed by descending order shall prevail:

- 1. Addendum
- 2. Proposal Form
- 3. Special Provision
- 4. Plans
- 5. Supplemental Specifications
- 6. Standard Specifications

Should there be a discrepancy between figures and drawings on any of the contract documents, the figures shall govern unless they are obviously incorrect.

C. Interpretation of Contract Documents:

If any person contemplating submitting a bid for the proposed contract is in doubt as to the true meaning of any part of the Plans, Specifications or other proposed contract documents, the bidder will submit to the Iowa DOT a written request for an interpretation thereof. Requests for interpretation must be received on or before 1:00 P.M., September 10, 2015.

The person submitting a request will be responsible for its prompt delivery.

No interpretation of the meaning of the drawings, specifications, or other pre-bid documents will be made to any bidder orally. Interpretations will be made only by addendum duly issued.

A copy of such addendum will be mailed or delivered to each person receiving a copy of the contract documents and to such other prospective bidders having requested that they be furnished with a copy of each addendum.

D. Addenda:

Addenda, if issued, will be emailed to all known plan holders, and acknowledgement of receipt of addenda will be indicated on the bidder's proposal form.

All addenda so issued shall become part of the contract documents.

2.4 Bidding Procedures

A. Proposed Form:

Each Bid must be submitted on the Schedule of Prices form.

All bids received by the Iowa DOT, which require allocation of appropriated state funds, are subject to the acceptance of the issuing department of the State of Iowa.

B. Submitting Proposals:

Each proposal must be submitted in ink or typewritten and may be submitted on-line or may be e-mailed to: rhonda.ruark@dot.iowa.gov on or before 1:00 P.M., September 17, 2015.

C. Withdrawal Period:

Prime bidders, subcontractors and material suppliers on this project agree to guarantee their proposal for a period of thirty (30) days after the date of receipt of bids. No bid may be withdrawn during this period.

D. Nonmaterial and Material Variances

The lowa DOT reserves the right to waive or permit cure of nonmaterial variances in the Bidder's Bid Response if, in the judgment of the lowa DOT, it is in the lowa DOT best interest to do so. Nonmaterial variances include minor informalities that do not affect responsiveness; that are merely a matter of form or format; that do not change the relative standing or otherwise prejudice other Contractors; that do not change the meaning or scope of the RFB; or that do not reflect a material change in the services. In the event the lowa DOT waives or permits cure of nonmaterial variances, such waiver or cure will not modify the RFB requirements or excuse the Contractor from full compliance with RFB specifications or other contract requirements if the Contractor is awarded the contract. The determination of materiality is in the sole discretion of the lowa DOT.

2.5 Consideration of Bids

A. Rejection of Bids:

- The lowa DOT reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the lowa DOT that such bidder is properly qualified to carry out the obligations of the Contract and to complete the work contemplated therein.
- Conditional bids will not be accepted.
- The lowa DOT reserves the right to negotiate the terms of the contract, including the award amount, with the awarded Contractor prior to entering into a contract. If contract negotiations cannot be concluded successfully, the lowa DOT reserves the right to negotiate a contract with the next lowest Bidder.

B. Qualification of Bidder:

The Iowa DOT may make such investigations as they deem necessary to determine the ability of the bidder to perform the required work, and the bidder shall furnish to the Iowa DOT all such information and data for this purpose as the Iowa DOT may request.

2.6 Notice of Tax Exempt Status

A Sales Tax Exemption Certificate and authorization letter will be issued to the successfully awarded construction contractor for the purchase of building materials, supplies and equipment used in the performance of this construction contract.

The Department of Transportation is exempt from paying sales and use taxes. **Do not include** sales tax in your bid for this project.

2.7 Labor Regulations

All contractors, before entering into a contract with the Department, must be registered with the Division of Labor in the Iowa Department of Workforce Development (515-281-3606) according to chapter 91C, Code of Iowa 2003.

Bonds

If the contracted estimated value is \$25,000 or more, the successful Bidder shall furnish bonds covering the faithful performance of 100% of the Contract and the payment of all obligations arising thereunder. One copy of the bond shall be submitted on lowa Department of Transportation Form 131070. All items must be properly filled in, including Bidder's signature. Resident commission agent or attorney-in-fact must file a copy of the power of attorney.

2.8 Targeted Small Business Program

The 1986 lowa Legislature enacted legislation relating to procurement from lowa Targeted Small Businesses. (lowa Code, Chapter 73. And lowa Administrative Code rules 820--[01,B] Chapter 2). It is hereby agreed that when entering into a contract with the State of lowa, the vendor/contractor will take documented steps to encourage participation from TSB's for the purpose of subcontracting and supplying of materials.

A list of Targeted Small Business Contractors is available on the Internet at https://dia.iowa.gov/tsb and click on Search Targeted Small Businesses.

Part 3 Supplementary General Conditions

3.1 The Contractor

A. Guidelines:

- Contractors shall comply with Iowa Occupational Safety and Health Standards as found in 29 CFR Parts 1910 and 1926. Of particular importance are those standards referring to the use of personal protective equipment, fall protection and ventilation.
- Contractor may be required to make available to Iowa DOT at time the apparent low bidder has been determined all Material Safety Data Sheets (MSDS) for all products provided prior to approved contractor and award. These must be faxed to Purchasing 515-239-1538 with cover indicating project the MSDS sheets pertain to. This shall be faxed within two (2) days upon request.

B. Guarantee:

The Contractor shall guarantee all work executed under this contract, both as the workmanship and materials, for a period of twelve (12) months after the date of acceptance, except that special guarantee provision specified elsewhere in these Specifications shall take precedence. Neither the final payment nor any provision of the contract documents shall relieve the Contractor of responsibility for faulty materials or workmanship. The Contractor shall remedy any defect thereto and pay for any damage to other work resulting therefrom, which shall appear within a period of one (1) year from the date of the final acceptance. With one month remaining in the guarantee period, the Contractor shall notify the lowa DOT and set up a complete building walk-through inspection.

- All materials, items of equipment, and workmanship furnished under this division of the specifications shall carry the standard warranty against all defects in material and workmanship. Any fault due to defective or improper material, equipment, or workmanship which may develop, shall be made good, forthwith.
- The Guarantee shall include, but not be limited to the following elements and services:

- a. Repair or replace defective materials, equipment, workmanship and installation that develops within the guarantee period, promptly and to lowa DOT's satisfaction and correct damage caused in making necessary repairs and replacements, including all other damage done to areas, materials, and other systems resulting from the failure or defect, under guarantee by and at the expense of the Contractor.
- b. Replace material or equipment that requires excessive service during guarantee period, as defined and as directed by the lowa DOT.
- c. Make all service calls, replacements, repairs and adjustments during the guarantee period without cost to the Iowa DOT.

C. Workmanship

Work shall be performed in best, most workmanlike manner by mechanics, skilled and employed continuously in their respective trade. Installation shall be made by the manufacturer or their authorized installer where specified. Unsatisfactory work shall be replaced at Contractor's expense.

D. Clean-Up:

 Throughout the period of construction, the Contractor shall clean up all work and yard areas and keep the area reasonably free of debris, etc., as required for proper protection of the work. Prior to final acceptance, the Contractor shall remove all debris, tools and equipment from the project site.

E. Immunity of Iowa Department of Transportation

The Contractor shall defend, indemnify and hold harmless the Iowa Department of Transportation, and its officials and employees from liability arising out of or resulting from the Contractor's activities at the rest area, its performance or attempted performance of the contract, as well as the Contractor's activities with Sub-Contractors and all other third parties.

F. Suspensions and Debarment.

The Vendor certifies pursuant to 48 CFR Part 9 that neither it nor its principles are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this Contract by any federal Agency or agency. The Vendor certifies that it is not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in any contracts with the State of Iowa.

G. Termination Due to Lack of Funds or Change in Law

Notwithstanding anything in this Contract to the contrary, and subject to the limitations set forth below, the lowa DOT shall have the right to terminate this Contract without penalty and without any advance notice as a result of any of the following:

Adequate funds are not appropriated or granted to allow the Iowa DOT to operate as required and to fulfill its obligations under this Contract.

Funds are de-appropriated, reduced, not allocated, or receipt of funds is delayed, or if any funds or revenues needed by the Iowa DOT to make any payment hereunder are insufficient or unavailable for any other reason as determined by the Iowa DOT in its sole discretion; or

The lowa DOT's authorization to conduct its business or engage in activities or operations related to the subject matter of this Contract is withdrawn or materially altered or modified: or

The Iowa DOT's duties programs or responsibilities are modified or materially altered; or

If there is a decision of any court, administrative law judge or an arbitration panel or any law, rule, regulation or order is enacted, promulgated or issued that materially or adversely affects the Agency's ability to fulfill any of its obligations under this Contract.

The Agency shall provide Vendor with written notice of termination pursuant to this section.

H. Preference

By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the state of Iowa. Preference application: Tied responses to solicitations, regardless of the type of solicitation, are decided in favor of Iowa products and Iowa-based businesses per 11 IAC 105.5(1)-(2), 105.12(4).

3.2 Administration of the Contract

A. Inspection and Supervision:

- All work shall be according to the approved design and shall be under the direct supervision of the lowa DOT.
- Periodic site inspections will be carried on by the lowa DOT with the contractor to ensure coordination of the project.
- The owner will provide a list of items requiring inspection prior to or during installation.
 The Contractor is to give the Owner notice no less than 24 hours in advance of installation.
- The Iowa DOT contact is Nick Humpal, P.E. and may be reached at 641-422-9446.

3.3 Sub Contractors

- Specific attention shall be given by the Contractor to Article 5 of the A.I.A. Document A-201, "The General Conditions of the Contract for Construction".
- The apparent successful contractor for the project shall, within seven (7) calendar days after opening of the bids, furnish the lowa DOT with a complete list of subcontractors and major material suppliers.

3.4 Protection of Persons and Property

A. Safety and Health Regulations:

The Contractor, serving in the role of the employer for the project, shall exercise at all times the protection of all persons and property. Contractor shall comply with all requirements of the Occupational Safety and Health Act of 1970, Iowa Bureau of Labor and all applicable state and municipal laws, as well as building and construction codes. It is the Contractor's responsibility to enforce all regulations that apply to this project.

B. Protection of Site:

The Contractor shall furnish all permanent and temporary guards, signs, fencing, shoring, and underpinning and other protection necessary in the performance of the contract and for the necessary protection of all public and private property and shall be responsible for any damage caused by failure to comply with this requirement.

- After building operations are completed, the Contractor shall replace or satisfactorily repair all damaged walks or pavements which shall have become damaged due to operations of this project.
- The Contractor shall take care of all underground pipes, conduits, etc., encountered
 in the excavations, and protect same from damage until such time as they can be
 permanently disposed of.
- The Contractor shall continuously maintain adequate protection of all work from damage and shall protect the Owner's property and adjacent property from damage arising in connection with this contract.

3.5 Insurance Requirements

Contractor's Insurance

- It shall be the Contractor's responsibility to have liability insurance covering all of the project operations incident to contract completion and the Contractor(s) must have on file with the Contracting Authority a current "Certificate of Insurance" prior to award of contract. The certificate shall identify the insurance company firm name and address, contractor firm name, policy period, type of policy, limits of coverage, and scope of work covered (single contract or statewide). This requirement shall apply with equal force, whether the work is performed by persons employed directly by the Contractor(s) including a subcontractor, persons employed by a subcontractor(s), or by an independent contractor(s).
- In addition to the above, the Contracting Authority shall be included as an insured party, or a separate owner's protective policy shall be filed showing the Contracting Authority as an insured party.
- The liability insurance shall be written by an insurance company (or companies) qualified to do business in lowa. For independent contractors engaged solely in the transportation of materials, the minimum coverage provided by such insurance shall be not less than that required by Chapter 325A, Code of Iowa, for such truck operators or contract carriers as defined therein. For all other contractors, subcontractors, independent contractors, and the Contracting Authority, the minimum coverage by such insurance shall be as follows:
 - Comprehensive General Liability including Contractual Liability;
 - Contingent Liability: Explosion, Collapse and Underground Drainage
 - Damage; Occurrence Basis Bodily Injury: Broad Form Personal Injury; Broad Form Property Damage.

Bodily Injury

The contractor will purchase and maintain throughout the term of this contract the follow minimum limits and coverage:

•	Each person	\$750,000
•	Each accident/occurrence	\$750,000
•	Workers Compensation	\$750,000
•	Statutory Limits	\$750,000
•	Employer's liability	\$750,000
•	Pollution Liability	\$750,000
•	Occupation Disease	\$750,000

Operations

Property Damage \$250,000 each occurrence

Builders Risk Insurance:

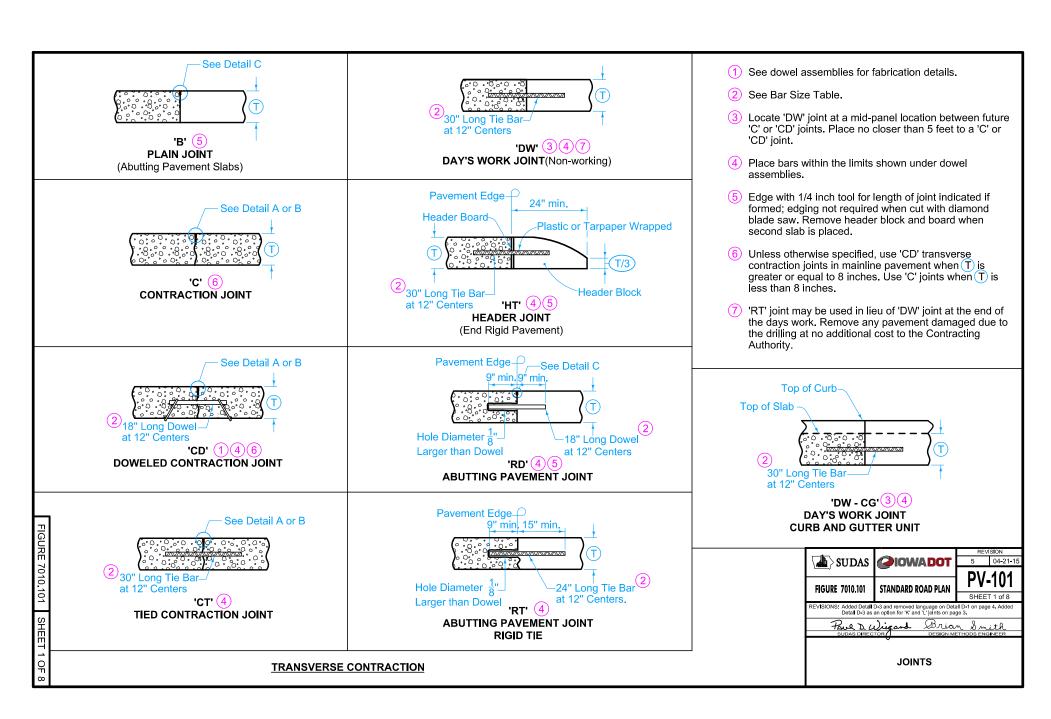
- Each Contractor holding a valid contract with the Owner shall furnish and pay for builder's risk insurance, providing coverage for at least the following losses: fire, extended coverage, vandalism and malicious damage to materials incorporated in the project, and materials purchased to be incorporated in the project, either stored on or off the permanent job site. If this insurance coverage is not provided, the Contractor shall assume all responsibility for the perils outlined above which may occur prior to project completion and acceptance.
- Failure on the part of the Contractor(s) to comply with the requirements of this Article will be considered sufficient cause to suspend the work, withhold estimates, and to deny the Contractor(s) any further contract awards, as provided in Article 1103.01.
- The Contractor(s) shall require all subcontractor(s) meet the above insurance requirements.

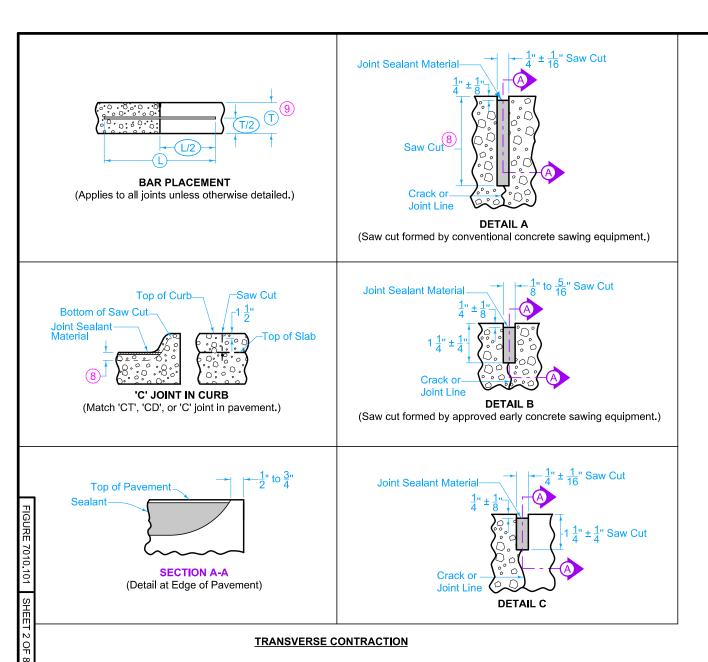
The Certificate of Insurance must include the following:

Iowa Department of Transportation must be listed as an additional insured

3.6 Public Contract Termination:

The provisions of Iowa Law as contained in Chapter 573A of the Code of Iowa, an Act to provide for termination of contracts for the construction of public improvements when construction or work thereon is stopped because of national emergency, shall apply to and be a part of this Contract, and shall be binding upon all parties hereto, including sub-contractors and sureties upon any bond given or filed in connection herewith.

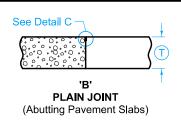


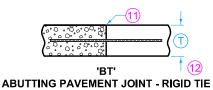


- (8) Saw 'CD' joint to a depth of T/3 \pm 1/4"; saw 'C' joint to a depth of T/4 \pm 1/4".
- When tying into old pavement, T represents the depth of sound PCC.

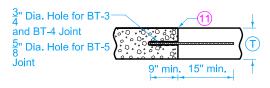
BAR SIZE TABLE						
T	Dowel Diameter	Tie Bar Size				
< 8"	<u>3</u> 4	#6				
≥ 8" but < 10"	1 <u>1</u> "	#10				
≥ 10"	1 <u>1</u> "	#11				

	_	RE	VISION			
∖	CIOWADOT	5 04-21-1				
)	אמ	101			
FIGURE 7010,101	STANDARD ROAD PLAN	PV-101 SHEET 2 of 8				
1100112 70101101	THITTING ROAD I LAIT					
REVISIONS: Added Detall D-3 and removed language on Detall D-1 on page 4. Added Detall D-3 as an option for 'K' and 'L' joints on page 3.						
Paul D. Wigard Brian Smith						
SUDAS DIREC	TOR DESIGN MI	ETHODS EN	IGINEER			
JOINTS						





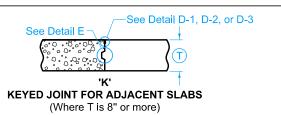
T	Joint	Bars	Bar Length and Spacing
< 8"	'BT-1'	#4	36" Long at 30" Centers
≥ 8"	'BT-2'	#5	36" Long at 30" Centers

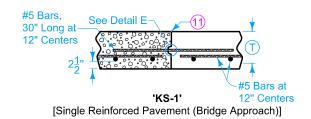


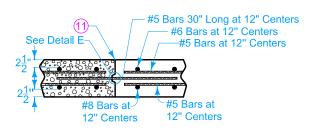
'BT'
ABUTTING PAVEMENT JOINT - RIGID TIE (Drilled)

T	Joint	Bars	Bar Length and Spacing
< 8"	'BT-5'	#4	24" Long at 30" Centers
≥ 8"	'BT-3'	Д Е	24" Long at 30" Centers
	'BT-4'	#5	24" Long at 15" Centers

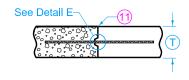
FIGURE







'KS-2'
[Double Reinforced Pavement (Bridge Approach)]



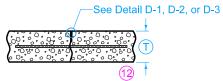
'KT'
ABUTTING PAVEMENT JOINT - KEYWAY TIE

T	Joint	Bars	Bar Length and Spacing
< 8"	'KT-1'	#4	30" Long at 30" Centers
≥ 8"	'KT-2'	#5	30" Long at 30" Centers
≥ 0	'KT-3'	#5	30" Long at 15" Centers

LONGITUDINAL CONTRACTION

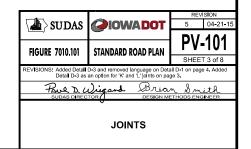
- 10 Bar supports may be necessary for fixed form paving to ensure the bar remains in a horizontal position in the plastic concrete.
- 11) Sawing or sealing of joint not required.
- 12 The following joints are interchangeable, subject to the pouring sequence:

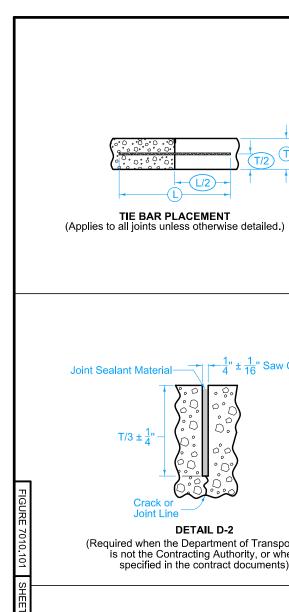
pouring sequence: 'BT-1', 'L-1', and 'KT-1' 'KT-2' and 'L-2' 'KT-3' and 'L-3'

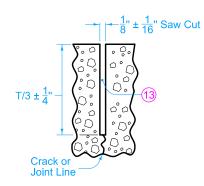


'L' CONTRACTION JOINT

T	Joint	Bars	Bar Length and Spacing
< 8"	'L-1'	#4	36" Long at 30" Centers
≥ 8"	'L-2'	#5	36" Long at 30" Centers
	'L-3'	#5	36" Long at 15" Centers

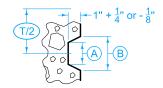






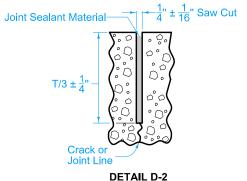
DETAIL D-1 (Required when specified in the contract documents.)

- When tying into old pavement, T represents the depth of sound PCC.
- (13) Sealant or cleaning not required.

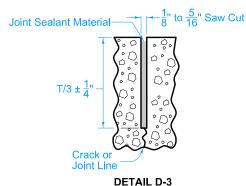


DETAIL E

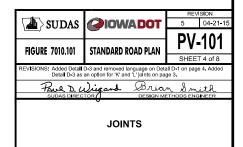
KEYWAY DIMENSIONS			
Keyway Type	Pavement Thickness T	A	B
Standard	8" or greater	1 3 "	2 3 "
Narrow	Less than 8"	1"	2"



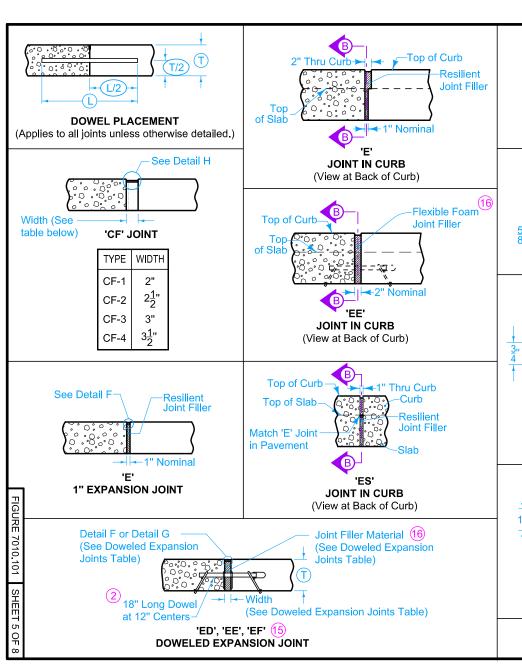
(Required when the Department of Transportation is not the Contracting Authority, or when specified in the contract documents)



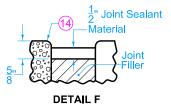
(Required when the Department of Transportation is the Contracting Authority, or when specified in the contract documents)



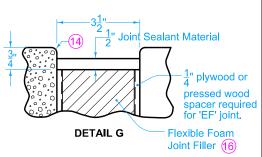
LONGITUDINAL CONTRACTION

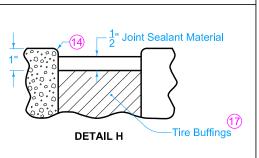






- See Bar Size Table.
- (4) Edge with 1/4 inch tool for length of joint indicated if formed; edging not required when cut with diamond blade saw.
- See Dowel Assemblies for fabrication details and placement limits. Coat the free end of dowel bar to prevent bond with pavement. At intake locations, dowel bars may be cast-in-place.
- Predrill or preform holes in joint material for appropriate dowel size.
- (7) Compact tire buffings by spading with a square-nose shovel.

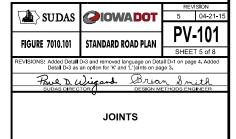




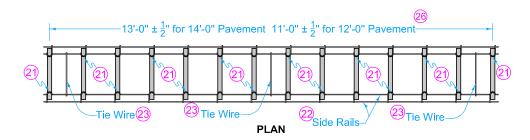
EXPANSION

	DOWELED EXPANSION JOINTS		
	TYPE WIDTH FILLER MATERIAL		FILLER MATERIAL 16
	ED	1"	Resilient (Detail F)
	1		Flexible Foam (Detail F)
			Flexible Foam (Detail G)

BAR SIZE TABLE			
T	< 8"	≥ 8" but < 10"	≥ 10"
Dowel Diameter	<u>3</u> ., 4	1 <u>1</u> "	1 <u>1</u> "

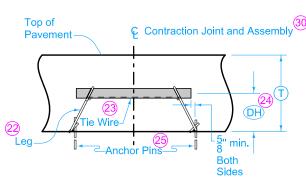


CONTRACTION JOINTS



Spaces between dowel bars are nominal dimensions with a $\frac{1}{4}$ " allowable tolerance.





LONGITUDINAL SECTION

DOWEL ASSEMBLIES 18 19

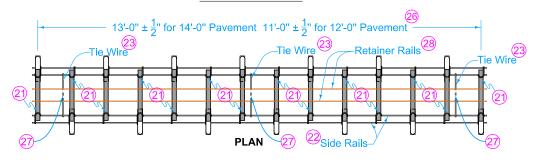
- (8) Use 18 inch long dowel bars with a tolerance of ± 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch.
- (19) Wire sizes shown are the minimum required. Use wires with a minimum tensile strength of 50 ksi.
- Details apply to both transverse contraction and expansion joints.
- 21 Weld alternately throughout.
- #1/0 gauge (0.306 inch diameter) wire.
- #10 gauge (0.135 inch diameter) wire, welded or friction fit to upper side rail, both sides.
- Measured from the centerline of dowel bar to bottom of lower side rail + 1/4 inch.
- Per lane width, install a minimum of 8 anchor pins evenly spaced (4 per side), to prevent movement of assembly during construction. Anchor assemblies placed on pavement or PCC base with devices approved by the Engineer.
- If dowel basket assemblies are required for curbed pavements, the assembly length is based on the jointing layout. See PV-101, sheet 8.
- Ensure dowel basket assembly centerline is within 2 inches of the intended joint location longitudinally and has no more than 1/4 inch horizontal skew from end of basket to end of basket.

DOWEL HEIGHT AND DIAMET		
(\top)	DH 24	Diameter
7" to 7 <u>1</u> "	3 <u>1</u> "	<u>3</u> ., 4
8" to 9 <u>1</u> "	4 <u>1</u> "	1 1 "
10" to 11 <u>1</u> "	5 <u>1</u> "	1 <u>1</u> "
12" to 13"	6 <u>1</u> "	1 <u>1</u> "

		REVISION		
SUDAS	C IOWADOT	5	04-21-15	
		DV/	404	
FIGURE 7010.101	STANDARD ROAD PLAN	۲۷.	101	
1100112 70101101		SHEE	T 6 of 8	
REVISIONS: Added Detail D-3 and removed language on Detail D-1 on page 4. Added Detail D-3 as an option for 'K' and 'L' joints on page 3.				
Paul D. Wigard Brian Smith				
SUDAS DIREC	TOR DESIGN MI	THODS ENG	INEER	
JOINTS				

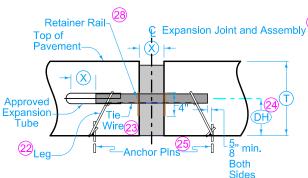


EXPANSION JOINTS



Spaces between dowel bars are nominal dimensions with a $\frac{1}{4}$ allowable tolerance.



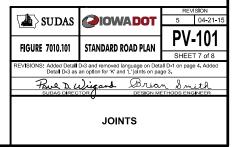


			Si
SECTION	THRU	EXPANSION	JOINT

JOINT OPENING AND EXPANSION TUBE EXTENSION			
Joint Type	X	Minimum Tube Length	
"ED"	1"	6"	
"EE"	2"	7"	
"EF"	3 <u>1</u> "	9"	

DOWEL HEIGHT AND DIAMETE		
T	DH 24	Diameter
7" to 7 <u>1</u> "	3 <u>1</u> "	<u>3</u> ., 4
8" to 9 <u>1</u> "	4 <u>1</u> "	1 <u>1</u> "
10" to 11½"	5 <u>1</u> "	1 <u>1</u> "
12" to 13"	6 <u>1</u> "	1 <u>1</u> "

- (18) Use 18 inch long dowel bars with a tolerance of ± 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch.
- Wire sizes shown are the minimum required. Use wires with a minimum tensile strength of 50 ksi.
- Details apply to both transverse contraction and expansion joints.
- (21) Weld alternately throughout.
- 22 #1/0 gauge (0.306 inch diameter) wire.
- #10 gauge (0.135 inch diameter) wire, welded or friction fit to upper side rail, both sides.
- Measured from the centerline of dowel bar to bottom of lower side rail + 1/4 inch.
- Per lane width, install a minimum of 8 anchor pins evenly spaced (4 per side), to prevent movement of assembly during construction. Anchor assemblies placed on pavement or PCC base with devices approved by the Engineer.
- If dowel basket assemblies are required for curbed pavements, the assembly length is based on the jointing layout. See PV-101, sheet 8.
- Clip and remove center portion of tie during field assembly.
- 28 1/4 inch diameter wire.
- 30 Ensure dowel basket assembly centerline is within 2 inches of the intended joint location longitudinally and has no more than 1/4 inch horizontal skew from end of basket to end of basket.



DOWEL ASSEMBLIES

